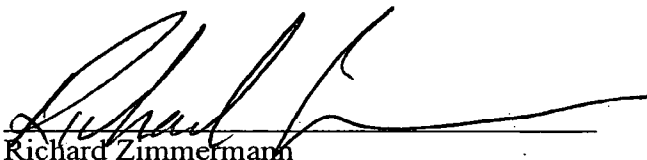


PATENT
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| Applicants: Scheuten et al. |) | "EXPRESS MAIL" mailing label No. |
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| SHAPED SEMICONDUCTOR |) | |
| ELEMENT FOR USE IN SOLAR |) | |
| CELLS AND METHOD FOR |) | |
| PRODUCING THE SAME; METHOD |) | |
| FOR PRODUCING A SOLAR CELL |) | |
| COMPRISING SAID |) | |
| SEMICONDUCTOR ELEMENT AND |) | |
| SOLAR CELL |) | |
| |) | |
| Group Art Unit: To be assigned |) | |
| |) | |
| Examiner: To be assigned |) | |


Richard Zimmermann

INFORMATION DISCLOSURE STATEMENT

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Sir:

The documents listed on the enclosed Form PTO-1449 are identified pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the documents are enclosed as required.

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Entry and consideration of the submitted documents are solicited.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

By: 

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April 3, 2006

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Sheet 1 of 1

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| Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Atty. Docket No. 30882/40950 | Serial No. 10/574633 |
| INFORMATION DISCLOSURE STATEMENT | | Applicant Scheuten et al. | |
| | | Filing Date September 22, 2004 | Group |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|-----------------|------------|------------------|-------|----------|----------------------------|
| *Examiner Initials | | Document Number | Issue Date | Name | Class | Subclass | Filing Date if Appropriate |
| | | 3,736,476 | 05/29/73 | Te Velde | 317 | 234 R | |
| | | 3,998,659 | 12/21/76 | Wakefield | 136 | 89 R | |
| | | 4,173,494 | 11/06/79 | Johnson et al. | 136 | 89 TF | |
| | | 4,335,266 | 06/15/82 | Mickelsen et al. | 136 | 260 | |
| | | 4,581,108 | 04/08/86 | Kapur et al. | 204 | 37.1 | |
| | | 5,567,469 | 10/22/96 | Wada et al. | 427 | 74 | |
| | | 5,578,503 | 11/26/96 | Karg et al. | 437 | 5 | |
| | | | | | | | |
| | | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|-----------------|------------------|---------|-------|----------|---------------|----|
| *Examiner Initials | | Document Number | Publication Date | Country | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| | | 940 860 A1 | 09/08/99 | EPO | | | | |
| | | 100 52 914 A1 | 05/16/02 | Germany | | | Abstract only | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|--|--|---|
| | | "Thin-Film CIS Alloy PV Materials Fabricated Using Non-Vacuum, Particles-Based Techniques", Eberspacher et al., Thin Solid Films 387, 2001, pp. 18-22 |
| | | International Search Report in PCT/EP2004/010615 dated March 31, 2005 |
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|---|-------------------------------|
| Examiner /Miriam Berdichevsky/ | Date Considered 07/07/2008 |
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